

State of California
Department of Food and Agriculture
Division of Measurement Standards

Certificate Number: 5309-02

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California Type Evaluation Program
Certificate of Approval
for Weighing Devices

For:

Platform Scale
Digital Electronic
Model: SI-1
 n_{\max} : 3000 e_{\min} : 0.05 lb (0.02 kg)
Capacity: 150 lb (60 kg) and 300 lb (150 kg)
Platform: 20.5" x 15.7"

Accuracy Class: III

Submitted by:

Acom America, Inc.
404 Paulding Avenue
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Standard Features and Options

Semi-automatic (push-button) zero
Initial zero setting mechanism (IZSM)
Semi-automatic (push-button) tare
AC/DC adapter
Gross/net display
lb/kg conversion (push-button)
Vacuum fluorescent display

Load cells: Acom America, Inc. Models SI-75 (150 lb capacity) and SI-150 (300 lb capacity)

Temperature Range: -10 °C to 40 °C (14 °F to 104 °F)

This device was evaluated under the California Type Evaluation Program (CTEP) and was found to comply with the applicable technical requirements of California Code of Regulations for "Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

Effective Date: August 21, 2002

Mike Cleary, Director

Acom America, Inc.

Platform Scale

Model: SI-1

Application: General purpose weighing.

Identification: The identification badge is riveted to the column supporting the indicator.

Sealing: The calibration switch is located on the back of the indicator. Access to the calibration switch is prevented by threading a wire security seal through a drilled head screw and through a loop that protrudes through the calibration switch cover.

Test Conditions: The emphasis of the evaluation was on device design, performance, marking, and compliance with influence factor requirements. Several increasing/decreasing load and shift tests were conducted. The Model SI-1 (300 lb capacity) was tested for accuracy over a temperature range of -10 °C to 40 °C (14 °F to 104 °F). A load of approximately one-half capacity was applied to the device over 100 000 times. The device was tested periodically during this time. Additionally, tests were conducted using 100 VAC and 130 VAC power supplies.

Results of the evaluation indicate the device complies with applicable requirements.

Type Evaluation Criteria Used: Title 4, California Code of Regulations, 2002 Edition

Tested By: Dan Parks (CA)